



(19) Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number:

0 320 500
A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 89102441.6

(51) Int. Cl.⁵: C12N 15/00, C12N 1/20,
A01H 1/00

(22) Date of filing: 22.12.83

(30) Priority: 13.01.83 EP 83100255

B-9000 Gent(BE)

(43) Date of publication of application:
14.06.89 Bulletin 89/24

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(60) Publication number of the earlier application in
accordance with Art.76 EPC: 0 116 718

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(84) Designated Contracting States:
AT BE CH DE FR GB IT LI LU NL SE

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(88) Date of deferred publication of the search report:
07.11.90 Bulletin 90/45

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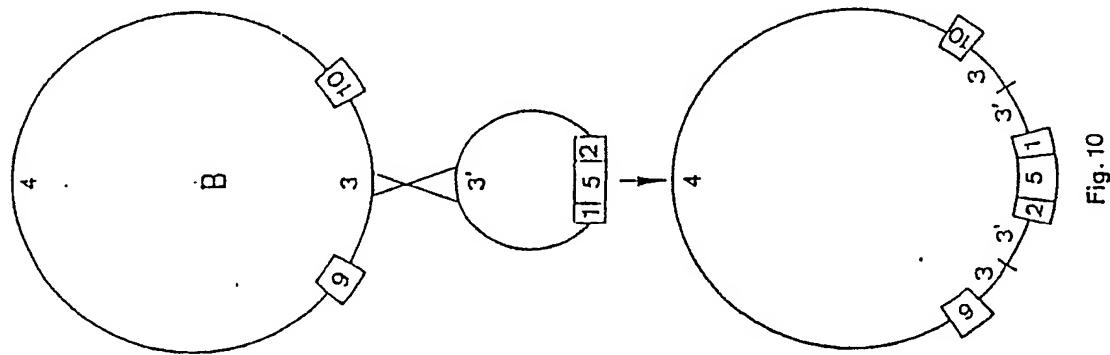
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(54) Non-oncogenic Ti plasmid vector system and recombinant DNA molecules for the introduction of expressible genes into plant cell genomes.

(57) Described is a non-oncogenic Ti plasmid vector system and recombinant DNA molecules for the introduction of expressible genes into plant cell genomes. Furthermore, corresponding transformed

Agrobacterium strains and processes for the production of plant cells and plants containing foreign DNA sequences are described. (Fig. 10)

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EUROPEAN SEARCH REPORT

Application Number

EP 89 10 2441

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)		
X	THE EMBO JOURNAL, vol. 1, no. 1, 1982, pages 147-152, IRL Press, Oxford, GB; J. LEEMANS et al.: "Genetic identification of functions of TL-DNA transcripts in octopine crown gall" * Page 151, left-hand column, lines 26-48 * ---	1,2,13, 15	C 12 N 15/00 C 12 N 1/20 A 01 H 1/00		
X	JOURNAL OF MOLECULAR AND APPLIED GENETICS, vol. 1, no. 2, 1981, pages 149-164, Raven Press, New York, US; J. LEEMANS et al.: "Site-specific mutagenesis of Agrobacterium Ti plasmids and transfer of genes to plant cells" * Page 160, figure 5, plasmid PGV0601; page 155, right-hand column * ---	4-6,8			
P,X	THE EMBO JOURNAL, vol. 2, no. 12, 1983, pages 2143-2150; P. ZAMBRYSKI et al.: "Ti plasmid vector for the introduction of DNA into plant cells without alteration of their normal regeneration capacity" * Whole document * ---	1-3,13, 15,16			
P,X	NATURE, vol. 303, 19th May 1983, pages 209-213, Macmillan Journals Ltd; L. HERRERA-ESTRELLA et al.: "Expression of chimaeric genes transferred into plant cells using a Ti-plasmid-derived vector" * Figure 3, plasmid PN01 and legend * ---	4,5,7,8 -/-	C 12 N A 01 H		
The present search report has been drawn up for all claims					
Place of search	Date of completion of the search	Examiner			
THE HAGUE	22-08-1990	MADDOX A.D.			
CATEGORY OF CITED DOCUMENTS					
X : particularly relevant if taken alone	T : theory or principle underlying the invention				
Y : particularly relevant if combined with another document of the same category	E : earlier patent document, but published on, or after the filing date				
A : technological background	D : document cited in the application				
O : non-written disclosure	L : document cited for other reasons				
P : intermediate document	& : member of the same patent family, corresponding document				



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	<p>MOLECULAR BIOLOGY OF PLANT TUMOURS, 1982, pages 537-545, Academic Press Inc.; J. LEEMANS et al.: Ti plasmids and directed genetic engineering" * Whole document *</p> <p>-----</p>	1-16	
TECHNICAL FIELDS SEARCHED (Int. Cl.5)			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	22-08-1990	MADDOX A.D.	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			